

THE TECH

VOL. XXXII. NO. 83

BOSTON, MASS., THURSDAY, JANUARY 23, 1913

PRICE TWO CENTS

SPECIAL ENGLISH FOR THE TECH CANDIDATES

Work on Paper Is Part of Course For Men in Special Section.

This coming term the members of the Freshman class are to be given the opportunity to vary their regular thirty-hour course in English Composition by taking work on THE TECH in combination with an hour a week of regular work in English. This course is only provisional, and will not be attempted another year unless the results this year prove satisfactory to the English Department.

In order to indicate the kind and amount of work that the department desires from the men who are to take this course Professor Bates has stated that the men who take it will be expected to write during the term at least thirty-five hundred words, written either in articles published in THE TECH or, in part, in articles submitted to the instructor. To make sure that the standard of work will be high the department has limited the section to twenty men, all of whom must have received a mark of at least P for the first term's work in English. All the articles written will also have to be of sufficient grade to pass certain standards of workmanship and taste.

The work on the paper teaches a man how to find in the Institute the best that it has to offer. A candidate feels the pulse of the Institute and comes to know the true meaning of Technology spirit long before he has become an upperclassman.

RIFLE TEAM WINS GAME.

Institute Men Have Entered Big Intercollegiate Shoot.

The Institute rifle team has been shooting matches for several weeks in competition with the teams of various other colleges in the East, and has made an excellent showing so far. Of the three matches already shot, that with Vermont is the only one from which complete returns have been received. The Tech team made a score of 907 against 871 for Vermont. The Tech score for the game with Norwich was 916, and that with North Georgia was 929, showing a marked improvement each week. The scores from these two colleges are not yet in, but in previous games they shot well below 800, so that the Tech team expects to prove a winner.

This Friday the men shoot against Princeton, which has a very strong team. In their last match the Princeton team shot 916 out of 1000, so the competition will be close.

The Tech rifle team is using this competition as training for the outdoor shoot which is to come this spring, and they do not expect to win this indoor championship.

"THE TECH" PICTURE.

The following members of THE TECH Governing Board are asked to be at Notman's Studio, Park street, today, at 1.30 P. M., to sit for the Board picture for Technique: Taylor, Gibson, Waitt, Thayer, Lamb, Fleming, Rogers, Paris, Munn.

Yale has dropped West Point from her football schedule, the first break in twenty years.

NAVAL ARCHITECTURAL SOCIETY FLOURISHING

Informal Gatherings Date Back to 1895, When Course XIII Was Begun.

Previous to the year 1895, Naval Architecture was an option of Course II, and like many other courses, it gradually became more and more important until it finally emerged from its dependency and became a regular course of study at the Institute. The number of students in this department increased in number, and it was not long before they began to hold gatherings and meetings. These meetings were of a social nature and frequently a talk or two was given or matters of interest discussed. There was no organized association and no regular meetings were held. It was not until the year 1901 that there was some thought of forming a club of some sort. At that time the Course XIII men of the Class of '01, "feeling the need of an organization from which benefit might be derived both professionally and socially," organized the now existing Naval Architectural Society of the Massachusetts Institute of Technology. From that time on began the constitutional existence of the organization.

The object of the society, according to its constitution, is "to awaken and maintain an active interest in Naval Architecture, and to promote social intercourse and good fellowship among its members." And throughout its career the society has constantly lived up to its object. Regular meetings are held, and together with the dinners, these have been the means with which the purpose of the club have been accomplished.

The first meeting was held March 20, 1901, with the first president, E. O. Eastwood, and the secretary-treasurer, Grant S. Taylor. From the very start the society has held to the policy of having short talks given at its meetings. These talks are characterized by the fact that, unlike those of the other professional societies at the Institute, they are given by members of the club. These talks are on subjects of general interest to the Naval Architect, and the fact that several talks are given at each meeting affords such a variety of topics for discussion that much benefit has been derived from them. The organization holds about eight meetings a year, with a final annual dinner at a downtown hotel.

For several years after its founding the organization thrived considerably, until in the years 1905 and 1906 the number of Course XIII was so small that the society declined so much that its very existence was endangered. Up to this time membership in the club had been restricted to Juniors and Seniors. At this critical point it was found advisable to amend the constitution so that Sophomores were

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PYRAMIDS TWISTED.

The Society of Arts will hold another open meeting in Huntington Hall at 8 o'clock next Thursday evening. Dr. Percival Lowell, the non-resident Professor of Astronomy of the Institute, and Director of the Lowell Observatory at Flagstaff, Arizona, will discuss "The Pyramids as an Astronomical Monument." The lecture will be fully illustrated and the general public is cordially invited.

RADICAL CHANGES IN JUNIOR PROM

Committee to Give Preference to Members of Two Upper Classes.

The Junior Prom Committee has found it necessary to make several important changes in the arrangements for the Prom this year, and it desires to bring them before the men at the Institute so that the reasons for the action of the committee may be well understood. In the following letter the committee gives an outline of results of its action to date:

"After having decided on the Hotel Somerset for the 1913 Prom, and after having viewed the suggestions for programs which numerous firms had submitted, the committee found itself confronted with the most serious problem of all—the price of the tickets. As in years past, the committee was reluctant to increase the price unless conditions made it imperative, lest such action on its part should appear to be deviating from a spirit of democracy, for which the Institute stands. The first difficulty which the committee encountered was with the caterer. On this gentleman prevailing high prices had had their effect, and his quotation for identically the same supper as was served last year was exactly one-half again as high. This fact alone would make it impossible for the committee to keep the price at five dollars, all other costs remaining the same as in former years.

"But another consideration which had come to the committee in the form of an oft-repeated suggestion was to be met: Why not curtail the number of those who attend to the limit which the hall is supposed to hold? In past years the hall has been so crowded that to really enjoy the dancing has been practically impossible. It was only after considerable debate and after the opinion of a large number of men about the Institute had been obtained that the committee decided to limit the number of couples to two hundred and thirty. By means of this action an enjoyable evening of dancing is bound to result.

"As the Junior Prom is essentially an upper class function the committee

(Continued on Page 2, Col. 2.)

WIRELESS MEETING.

Institute Men to Entertain Members of N. E. Society.

On February 1st, the last day of the examinations, a meeting of the New England Wireless Society will be held in the Walker Building, which all members of the local society are urged to attend. The meeting is scheduled for 8 o'clock, and the speaker of the evening will be Dr. Fessenden. Dr. Fessenden is a noted wireless expert and inventor, and his system of radio-telegraphy has played a prominent part in the development of the science. His talk will doubtless prove extremely interesting and valuable to all wireless men. It is the pleasant duty of the Tech society to play the host, and the officers are endeavoring to make the meeting as big a success as the one last month, when the society enjoyed the hospitality of Dr. Pierce and the Harvard men. It is especially desired that a large number of the local society be present to enjoy the talk and to assist the officers in entertaining.

SPECIAL INSTITUTE COMMITTEE MEETING

Men Recommended For Positions On The Tech and Union Committee.

The Institute Committee held a special meeting Tuesday afternoon to hear the reports of several committees. The meeting was called to order by Mr. Mattson at 4 P. M. The roll was called and eighteen out of twenty-nine members were present.

H. D. Peck reported for THE TECH Advisory Committee, making the following recommendations: W. H. Fleming for Circulation Manager; J. K. Heller '16, H. W. Lamson '15, H. E. Keyes '16, C. W. Loomis '16, for the Editorial Staff; W. D. Knieszner '16, I. B. McDaniel '15, W. B. Rivers '15, H. P. Sabin '15, H. P. Gray '16, for the News Staff; G. R. Thayer for Business Manager, and H. I. Knowles '15, and H. E. Schabacker '16, for the Business Staff.

The report and recommendations were accepted.

Mr. Murdoch then took the chair while Mr. Mattson reported for the Executive Committee, recommending for the Union Committee M. E. Langley for Chairman of House Committee; W. L. McPherrin for Junior member, and P. Keller for Sophomore member, and L. C. Walsh for Dining Room Committee. The report was accepted and the recommendations approved.

Mr. Mattson resumed the chair and then Mr. Murdoch, chairman of the Point System Committee, approved of the reduction of points from nine to seven of Chairman of Union Dining Room Committee.

The meeting adjourned at 4.50 P. M.

POSTER COMPETITION.

Completed Designs Soon Due—Show Outlook Good.

Plans for holding the Show in New York are rapidly nearing completion and soon it will be definitely decided whether or not a performance is to be given there on April 19. So far arrangements have been very successful, and it is hoped and expected by the Show management that all the previous preparations have not been made in vain.

At present all the music has been accepted, but it is still undergoing the process of revision and correction. Most of the songs that have been received are snappy and tuneful, and the music in general is characterized by a certain spirit and vitality which should aid greatly in making the Show a complete success.

The only thing now lacking is the poster. A competition for the best poster has been going on for some time, and all the posters to be submitted have very likely been designed, and in most cases are, by this time, very nearly finished. There is still plenty of opportunity, however, for any man who has not had the necessary time to spend on drawing and come out a winner. The management wish everyone in the competition to bear in mind that the time limit is Tuesday, February 11, and that after that date no posters can be accepted for consideration by the judges.

It is rumored that Harvard is going to make hockey one of her major sports.

THE TECH

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MANAGING BOARD.
A. T. Gibson, 1913.....General Manager
S. H. Taylor, 1914.....Editor-in-Chief
G. R. Thayer, 1913.....Business Manager

THURSDAY, JANUARY 23, 1913

With examinations actually upon us we are prone to let our fancies wander back over the past fifteen weeks of Institute work and consider the advance or retrogression we have made during that time. Some of us are brought to earth with a big thud of sudden realization that we have been unconsciously letting the days go by without doing the required amount of study; some of us are brought to a keener realization of the fact that we have not been putting our best efforts into the work with the even beat of powerful progression, and some of us now feel that our work for the term is over and that the examinations are merely an opportunity for expressing the more or less scattered bits of information in concise and unified form. To all THE TECH expresses its heartiest congratulation, to the first two groups for the clear mental vision in seeing and knowing their faulty positions, a fact which will give them greater vigor in the future, and to the last for the far-sightedness and habitual effect which have given them the positions in which they now find themselves.

THE TECH extends its good wishes to every Technology man and woman throughout the examination period, and sincerely hopes that none will be disheartened by failure or boosted to an inactive pinnacle of success. We are all students throughout our entire lives and are having to be examined in every experience that we go through, and in every activity that we enter upon. If we fail in one examination then we must put forth more effort and try again. It is the seeking and not the finding of our ideals which makes us better brothers and sisters, better husbands and wives, and better men and women.

NAVAL ARCH. SOCIETY.

(Continued from Page 1, Col. 2.) also eligible to membership. Consequently, with its increased numbers, the society revived and continued its previous successful career.

This year the Naval Architects have held five meetings. Its first meeting was in the form of a "get-together" dinner in the Union. At this dinner Professor Peabody, head of Course XIII, spoke on the Pratt Fund, which may, perhaps, cause some change in the future history of the society. This fund consists of 750,000 dollars, and has been bequeathed to the department of Naval Architecture. This department will be called "The Pratt School of Naval Architecture," but it will, nevertheless, be an integral part of the Institute. At its other meetings several papers were read by members of the club, as is the general custom of the society.

Just at present the enrollment of members numbers about thirty men. The officers of the organization are: President, John P. Constable, '13; Vice-President, H. K. Chow, '14; Secretary, Arthur I. Todt, '14; Treasurer, Arthur H. Walbridge, '14.

The Naval Architectural Society will be well represented in the trip which Professor Peabody has arranged for Course XIII men, as practically all the members are planning to go. This trip will take place during the mid-year recess and will include many points of interest to the naval architect.

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W. F. UNDERWOOD TALKS OF MOSQUITO NUISANCE

Society of Arts Hears Discussion of Mosquito and Means of Suppressing It.

Last Monday night the Society of Arts held a regular meeting in Huntington Hall at 8 o'clock. After a short business meeting Prof. Dwight Porter, the head of the Sanitary Engineering Course, introduced W. Lyman Underwood as the speaker of the evening. Mr. Underwood is a special lecturer here at the Institute on Sanitary and Industrial Biological subjects. He began his talk on "Mosquitoes" by giving some of the first knowledge gathered by scientists on this subject. As a result of investigations the different kinds of mosquitoes were classified about 1899, and it was found that there were over one thousand different kinds.

After telling how the connection of mosquitoes with yellow fever and malaria was proved, he spoke of the old mistaken ideas held by many people on the subject of mosquitoes. First, they do not breed in wet grass, as is generally supposed; they require water for hatching. It is not necessary to have stagnant water for them to breed, but they will hatch in fresh water if it is sheltered enough. Mosquitoes do bite more than once, and if it were not for this fact they would not carry malaria or yellow fever. The idea that they live but a short time is also wrong, for the females live over winter, hibernating in hollow tree trunks and in damp places in cellars. Smoke of any kind will kill them, although tobacco smoke is probably the most agreeable for the one doing the job, and is just as effective as any other.

The life of the mosquito is divided into four parts: the egg, the lava, the pupa, and the mosquito itself. The first three stages are lived in the water and only the last in the air. The eggs of the malarial mosquito are laid on the water and hatch about fourteen days after they are laid. The Jersey mosquito, generally known as the Jersey mosquito, lays its eggs on salt marshes where it is dry, but where the water does come and stay for some time, either by a high tide or by rainfall. These eggs hatch about two hours after the water reaches them. Now its life as a "wiggler" commences. These little wiggles have a breathing tube which they push through the surface of the water and get the fresh air. After getting a supply of air they bob down and later come up for another breath. The next stage is spent asleep in a small case, as the worm does before it becomes a butterfly. Upon emerging from this stage it is a full grown mosquito, ready to make itself a nuisance to the human race. Strange to say, it is only the females which bite, the males living a life free from all care.

JUNIOR PROM CHANGES.

(Continued from Page 1, Col. 3.) felt duly bound in view of its action of limiting the number of couples to give the members of the Junior and Senior classes the first opportunity of signifying their desire to attend. To bring about this result the sign-up books will be open to Seniors and Juniors one week in advance of the date on which they will be open to the Institute at large, thus eliminating the possibility of any upperclassmen being left out who really desires to attend. The prices of this year's Prom will be six dollars a couple, and as in former years, will include everything.

An announcement of the date of the opening of the sign-up books will be made in the columns of THE TECH several weeks in advance.
"Signed,
THE PROM COMMITTEE."

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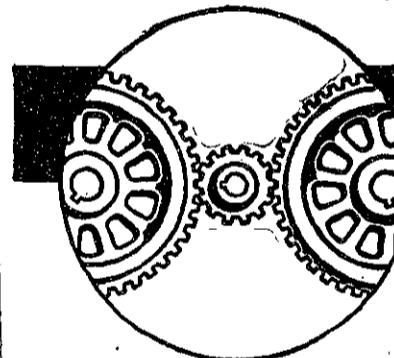
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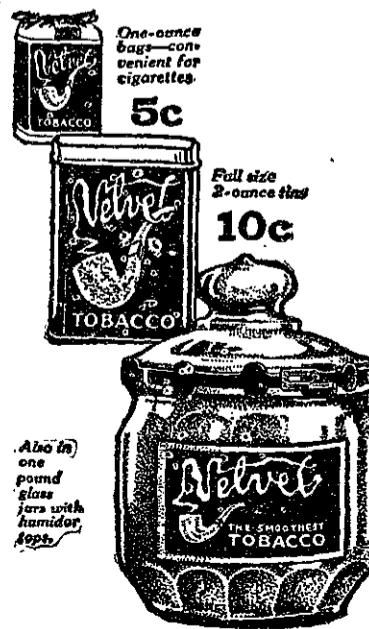


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